

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-189740

(43)Date of publication of application : 10.07.2001

(51)Int.Cl.

H04L 12/46

H04L 12/28

(21)Application number : 11-375036

(71)Applicant : TOSHIBA CORP

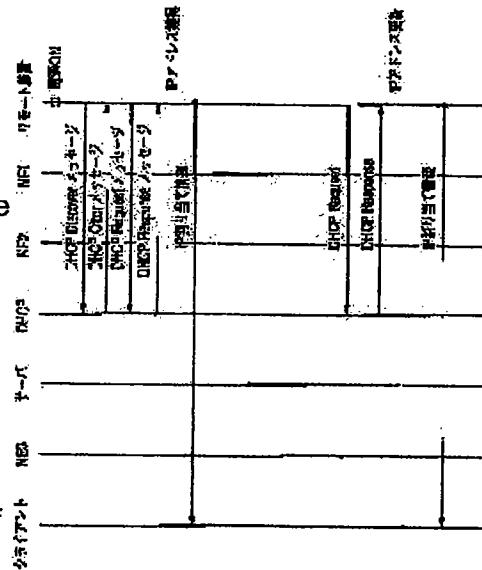
(22)Date of filing : 28.12.1999

(72)Inventor : KAMURA KOICHIRO

(54) REMOTE DEVICE AND COMMUNICATION SYSTEM PROVIDED WITH THE DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To reliably grasp an IP address from a remote site which is needed to control a remote device from a remote site by utilizing a communication network such as the Internet or a CATV network and which is dynamically allocated to the remote device.



SOLUTION: The remote device connected to the Internet network through Internet devices NE1 and NE2 generates allocation information including an IP address whenever the IP address allocated by a DHCP server connected through the device NE2 is acquired or each time the IP address is updated when the use time limit of the IP address is expired and it transmits the IP address to a prescribed destination, for instance, a client having a network function such as a personal computer. The client recognizes the IP address of the remote device on the basis of the allocation information sent from the remote device and controls the remote device by the communication using the IP address.